

DRAMASHOP SEEKS TRYOUTS FOR SHOW

Hentschel, Graduate Student, to
Direct This Fall's
Presentation

Tryouts for the Dramashop's fall presentation, "The Tavern," were held Monday at five o'clock, in Room 2-190. It was announced that further trials would take place tomorrow in the same room and at the same time, in order that everyone might have a chance to attend.

Robert A. A. Hentschel, graduate student of the Institute and former General Manager of Dramashop, will direct that organization this year instead of Professor Dean M. Fuller.

Results of the tryouts will probably be announced towards the end of this week, at which time the management will have seen and heard all the available material.

PROFESSOR MORRIS TO TALK OVER THE "AIR"

"Depths of Time" to Be Subject
of Address Rendered

Frederick K. Morris, Professor of Geology at the Institute, will give an address on October 12 at 8:15 P. M., on the subject "Depths of Time" over the Yankee Network and under the auspices of the Northeastern Section of the American Chemical Society.

Lectures will be given weekly by the American Chemical Society over Station WAAB and its affiliated stations. Lectures on subjects of scientific importance will be delivered each Friday evening at 8:15.

Instituted several years ago as an activity of the division of Chemical Education of the Society, and co-operating with the several advisory councils for radio education, the

(Continued on Page 6)

Latest Freshman Styles



Lloyd Ewing, '38

"SEASON'S OUTLOOK IS GOOD" SAYS RAWSON

Many Veterans Return to School
Confirms Coach Rawson's
Declaration

The boxing season got off to a flying start last night when ten varsity team aspirants reported to Coach Tommy Rawson at the Hangar Gym. According to Rawson, judging from the number of veterans returning and their respective punching ability, the season outlook is very bright. The schedule however, is the stiffest and longest in a number of years with a possibility of including Syracuse and Western Maryland, the winner and runner-up respectively of the Easter Intercollegiate last year, and also Harvard, West Point, the U. S. Coast Guard Academy, New Hampshire, Springfield and Villanova.

As yet no freshmen have come out, probably because of their interest in

(Continued on Page 7)

COMMUTERS' DANCE TO HAVE FEATURE IN GUEST SOLOIST

Marcelle Poirier Has Broadcast
on Cleercoal Hour With
Andrew Jacobson

MUSIC BY DUKE CHARLES

With a guest soloist in the person of Marcelle Poirier, and Duke Charles' dance music, the Commuters' 5:15 Club will hold its first dance of this season next Thursday evening, the night before the holiday, from 9 to 2 o'clock in Walker Memorial.

Miss Poirier, whose picture is reproduced elsewhere in this issue, has recently completed a twenty weeks engagement at the Metropolitan Theater on the program of the Conrad style show. This soloist has sung over the radio with Andrew Jacobson on the Cleercoal Hour, and as a featured guest artist, she has broadcast from every Boston station. The Commuters feel fortunate to have secured Miss Poirier to sing at their dance.

Walker Memorial will be transformed by the use of cornstalks and pumpkins to give a rural atmosphere. During the evening there will be a novelty elimination dance, about which George A. Peterson, '35, chairman of the dance committee, refuses to divulge any further details.

Tickets are priced at \$1.50 for non-members and \$1.25 for members of the 5:15 Club. They will be on sale in the Main Lobby today, tomorrow, and Thursday from 11 to 2 o'clock.

Chaperones for the occasion are Prof. and Mrs. Carle R. Hayward, and Mr. and Mrs. John M. Nalle.

Since the organization of the Commuters' Club in 1932 the association has sponsored several successful dances. In June of the past two years the club has been on a moonlight sail and dance down Boston harbor aboard the Mayflower.

Featured Guest Soloist



Marcelle Poirier, NBC Radio Star,
Who Will Sing at Commuters'
Barn Dance

ALL DORM FRESHMEN PRESENT AT MEETING

Attendance Perfect At Second
Compulsory Dinner

The second Freshman Dormitory Dinner took place Monday night in the North Hall of Walker. In accordance with the custom followed in these affairs, attendance of the first-year men was compulsory. Knowing that the way of the transgressor is apt to be rough, the class of '38's dormitory representatives were all present.

Robert Scribner, '35, chairman of the Freshman Dormitory Committee, acted as toastmaster. He commented on the astonishing manner in which the freshmen have organized. He cautioned them, "Don't win Field Day before the twenty-sixth."

The chairman introduced the leaders of the several dormitories in the

(Continued on Page 7)

CLASS RIVALRY IS MOUNTING HIGH AS FIELD DAY NEARS

Turn-Outs for Both Classes Indicate Teams Are Evenly Matched

PRESIDENTS EQUALLY CERTAIN OF VICTORY

Frosh Crew Confident; Thomson
Says 70% of Sophomore
Class Represented

According to latest field day statistics, this year's engagement, which will be held on Friday, Oct. 26, 1934, will be a real fight to the finish.

Both the Junior president, Michael A. Kuryla, and James R. Thomson, the Sophomore president, feel quite confident in the freshmen and Sophomore classes, respectively. However, Kuryla feels that the Freshmen "are doing 70% of what they really could do." Thomson, in all possible confidence, says, "The fellows are doing a good job on the teams; they are showing a great deal of class spirit."

The following will show whether or not these men have a right in feeling as they do. At present, the Sophomore class turn-out is: 35 men for Football, with an average weight of about 180 pounds; Tug-of-War, 40 men, average weight, 185; Crew, 9 men, average weight, 150; and Relay, 20 men. The freshmen class turn-out is as follows: Football, 38 men, average weight, 165; Tug-of-War, 16 men, average weight, 150; Crew, 56 men, both lights and heavies, and Relay, 29 men.

Freshmen are at this time to be informed that more managers and many more men for Tug-of-War are needed badly.

Although the Glove fight is given only one point, to the winner of it goes a moral victory, because the whole class engages in this fight, whereas only a small portion of it participates in the other events.

FRATERNITY PLEDGE LIST

Alpha Tau Omega

Thomas Akin, '38
William Chandler, '37
John Cleworth, '38
Ralph Cobb, '38
Wendell Jacques, '38
Osgood Saunders, '38
Charles D. Small, '38
Irving Watson, '38

Beta Theta Pi

James R. Craig, '36
Robert Eddy, '38
Adam Gamble, '38
Frank Gardner, '38
James Gilliss, '38
John Hagerman, '37
N. Leroy Hammond, '38
Robert Harvey, '38
Lloyd Hier, '38
Frank Kearny, '38
Ira Lohman, '38
Bernard McKeown, '38
Dale Morgan, '38

Chi Phi

Robert Alder, '38
Jay Au Werter, '38
C. Frederick Bell, '38
Frank W. Brown, '38
Charles Campbell, '38
Harold Cude, '38
James Emery, '38
Kenneth Gunkle, '38
Sinclair Scott, '38
Wells Worthen, '38

Delta Kappa Epsilon

William Benson, '36
Roscoe J. Cooper, '38
Herbert K. Cummings, '38
Robert Flanagan, '38
Granville R. Jones, '38
Walter H. Page, '38
Ward J. Rafferty, '38
Wilbur C. Rice, '38

Abner A. Towers, '38

Allan J. Wilson, '38
Richard B. Young, '38

Delta Psi

Harry E. Draper, '38
David E. Irving, '38
Brainard T. Macomber, '38
Geoffrey M. Martin, '38
William W. Preston, '38

A. Eliot Ritchie, Jr., Special

August H. Schilling, '37
John W. Whittaker, '38

Delta Tau Delta

Ralph G. Adams, Jr., '38
Hale P. Benton, '38
Robert C. D. Dawe, '38
John Ferris, '38
Francis A. Fisher, '38
Irving W. Forde, '38
John F. Glacken, '38
G. Edwin Hadley, '38
Hubert M. Haynes, '38
David A. Wright, '38

Delta Tau Delta

David Beeman, '38
Arch Copeland, '38
Harold Heere, '38
Edward Hitchcock, '37
Howard Milius, '38
Morgan Rulon, '36
Daniel Suter, '38

Kappa Sigma

Cleon Dodge, '37
Norris Barr, '38
Stewart FitzGibbon, '38
Conrad Hon, '38
Edmund Nalle, '38

Lambda Chi Alpha

Reed Bonney, '37
Alfred Hale, '37
Donald MacHarg, '38

John Michel, '38

Casper Stacey, '38
Richard Stressean, '38

Phi Beta Delta

Lewis Bachman, '38
Robert Englander, '38
Raymond Epstein, '38
Theodore Halpern, '38
Harold James, '38
Allan E. Schorch, '38
Ira Sedwitz, '38

Phi Beta Epsilon

John Craig, '38
Edward Germain, '38
John Lindsay, '38
James Longwell, '38
Frederick Reater, '38
Robert Robbins, '38
Edgar Tafe, '38
William Terry, '37

Phi Delta Theta

John G. Burke, '38
John Bethel, '38
Thomas A. Kerry, '36
Edward J. Kuhn, '38
Abbott S. Maeder, '38
David J. Torrans, '38
Wenzel M. Wochos, Jr., '38

Phi Gamma Delta

Lloyd Bergesson, '38
John Cook, '38
Douglas Esperson, '38
Gordon Foote, '38
Harry Hollander, '38
Robert Harris, '37
Robert Johnson, '38
John Lees, '38
Harrison Phinizy, '38
Paul Shirley, '38
Walter Schwedes, '38
Samuel Steere, '38

Phi Kappa Sigma

Robert Church, '38

Stephen du Pont, '38

Richard Kaulback, '38
Archie Main, '38
Daniel Philips, '38
Robert Smith, '38

Phi Mu Delta

John Bittel, '38
Charles Bullwinkle, '38
Franklin Burditt, '38
Harold Butler, '38
Dempster Christensen, '38
Roland French, '38
Ralph Slutz, '38
Theodore Timbie, '38
James Viles, '38
Lewis Wolf, '38

Phi Sigma Kappa

Richard Maybe, '37
Jack Mohser, '38
Harold Tabbut, '38
James Warburton, '37
Reland Westgate, '37
David Whittaker, '38
William Woodward, '38
Robert Williams, '38

Sigma Alpha Epsilon

Arthur Christgau, '38
Ernest Neumann, '38
Reed Freeman, '38
George Morrison, '38

Sigma Alpha Mu

Burton Aaronson, '38
Bernard Brod, '38
Lester Cornblith, '38
Lewis Fireman, '38
Maurice Gordon, '37
Alvin Mendle, '38
Robert Solomon, '38

Sigma Chi

Karl Bausch, Jr., '38
Allan R. Cherry, '38
Robert Iredell, '38
James H. Kettering, '38
Harry C. Kittredge, Jr., '38

Richard K. Koch, '38

George A. Moore, '38
Homer R. Oldfield, Jr., '38
Edward C. Peterson, '37
Newton H. Payton, '38
Robert Riester, '38
Albert A. Sargent, Jr., '38
Irving N. Smith, '38
Frederick E. Strassner, '38
Jimmy Touton, '37

Sigma Nu

Duncan M. Emery, '37
James Livingood, '38
Frederick Morgenthaler, '38
John J. Wallace, '38

Theta Chi

Wesley Cilly, '38
Robert R. Fisk, '38
Fred Forman, '38
Walter Godscheaux, '35
William Harcum, '37
Thomas Heath, '38
Richard Ihmels, '38
Frank Kemp, '38
Edward True, '38
Fred Werner, '38

Theta Delta Chi

Richard Berry, '38
John R. Conover, '38
Joseph R. Fischel, '37
Arthur F. Gould, '38
Winthrop A. Johns, '37
James K. Gilmore, '38
Jonathan R. Roerig, '38
Philip E. Sellers, '38
Irving Tourtellot, '37
Harlan Turner, Jr., '38
John A. Wilson, Jr., '38
John G. Wheale, '38

Theta Xi

Samuel Bjorkmann, '37
Thomas Bjorkmann, '38
Arthur Douglas, Jr., '38
James McClelland, '38



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ADVICE TO THE GOBLIN

THE DORM RUMOR

PROBABLY the dominating feature of all college activities, from the highest to the lowest, is the constantly shifting personnel. Nor is the change gradual. A whole class departs and another, with only the scantiest of training, steps into its boots.

This means that a poorly performing management can botch its work for only a year when it is replaced by a group of men who, we hope, are better. But in the strength of this system lies its weakness. Just as difficult to sustain as the crudities of an inferior group are the ambitious and capable efforts of an outstanding management.

The reason for the above reflections is the first issue of this term's *Dorm Rumor* which sets some form of record for puerile and vituperative literature. Instead of those little items which "razzed" well-known characters in the dormitories in a rough but good humored manner there appear expressions which are merely vicious. Good humor is often broad and earthy but never offensive.

Here is an example of the phraseology used by the editor to instill spirit into the two lower class. "... the present feeling among upperclassmen seems to be that both the frosh and Sophs are a bunch of punks, pikers, or what have you?" All of which is apparently calculated to put a loyal feeling into every lowerclassman in the dormitories.

We advise the editors of *The Rumor*, if they can take advice, that they are missing an opportunity to unite a body which of the three at Technology has the best features for union. And the virtues of good taste and restraint will glow as brightly in a *Rumor* as they will anywhere else.

THE COST OF LIVING

COLLEGES EXPENSES

FOR several years students at the Institute have been irritated by a tuition fee which seemed far in excess of the sum demanded by the average educational institution. This irritation was in most cases rather transient because of the very futility of giving it much thought. Had the students in question stopped to reason, they should have found that their expenses during their years at the Institute did not exceed by much the expenses of the average student at other representative American colleges.

The general term "expenses" is used because of their nature. In some of the institutions of learning in this country, a certain part if not the whole of the student body is required to live in the dormitories maintained by the school. With this requirement, the expenses of the average student approach nearer to the amount paid by him to the school than they do at the Institute. Since this amount is variable, a student of that school would be in a worse position should that school have to enlarge its income, than a student at the Institute under the same conditions, for the latter has more choice as to his manner of living.

Furthermore, the locale of the institution should be taken into consideration when dealing with student expenses. Should the school be located in an area where, for economic reasons, prices are always high, the expenses of the student are bound to be large. Lack of competition in the neighborhood of many colleges which are comparatively "far from civilization" has this effect. Since students at the Institute live either in or near Boston, where competition keeps prices within a reasonable range, their expenses are lower, on the average, than those of the students in the other institution.

Figures connected with this subject have been collected, and they tend to show the invalidity of any notion that expenses at the Institute are large. To give one comparison: it has been found that the expenses of the average student at the Institute amount to but \$1,050 per year, whereas the average student at Dartmouth expends more than \$1,700 per annum.

OUT OF CHAOS

AN ARMED PROPHET

IT is hard to realize that no longer are we a pioneer country expanding in a raw, crude land, but an ancient nation with one of the oldest governments in the world, and with hoary political traditions that have been handed down for generation after generation in marked contrast to the shifting political philosophies of what we quaintly call the Old World.

But whether or not our political dogmas remain stable, economic conditions change as fast or faster in the United States than in Europe. For that reason our ideas as to man's relations to society are often sadly out of joint by a few score years.

Man is still man, but he seems to be changing his function from that of an independent unit, a rugged individual if you please, to that of a cell in a new organism; one of his own creation, the industrial state. And the proof of this statement is that, in contrast to the only rugged individual, the frontiersman, he can exist only as part of the state and on no other terms.

Consider the engineer. Mainly through means created by him, through functions performed by him, but motivated by forces which he does not control, the division of labor has reached such a pitch in the countries most removed from barbarism that nature's idea of a completely independent man, sufficient unto himself, has been destroyed.

If the engineer were accused of social irresponsibility to the group of men, machines, skills and institutions which alone are capable of continued being without breakdown, he would be taken aback.

His basic philosophy has been to obey orders, to carry out with utmost efficiency the projects deemed desirable by those in control of the economic system. If he is told to build a railroad in Costa Rica, his sole purpose is to create the best possible system with the materials available. The social effects of the railroad or power plant or machine are outside his consideration.

Is he right? Is his attitude the only one possible under existing circumstances?

An answer is perhaps presumptuous in view of the tremendous obscurity and importance of the problem, but stepping boldly in where angels would no doubt bog down, we say that there is no good reason why the engineer should not extend his fields to include statesmanship and sociology. His present training would do him no good except as a background, but his methods of attack should chew away at this question as they have at many another knotty problem.

The issue can be evaded by saying that the engineer does his duty in response to an existing economic order, that to change his duties would be to change the system.

Perhaps. But imperative need demands that there arise some man who is an engineer, that he may understand industry, a statesman that he may understand man; and a prophet that he may lead us out of chaos.

Remember what Machiavelli said: "All armed prophets have conquered, and the unarmed ones have been destroyed." The engineer is at least armed.

NOW AND THEN

Niccolo Machiavelli, 1469-1527, diplomat, historian, statesman. "Nothing is more difficult to take in hand, more perilous to conduct, or more uncertain in its success, than to take the lead in the introduction of a new order of things, because the innovator has for his enemies all those who have done well under the old conditions, and lukewarm defenders in those who may do well under the new."

George Boaz. "In proportion as one tries to make the world better, one incurs the opposition not only of those who stand to lose something by the change, but of many who have little tangible reason for resistance."



Embryo Genius

It happened at Freshman Camp. During the recreational period in the afternoon, all freshman aspirants to the Musical Club's orchestra were asked to display their talents at a group rehearsal. The meeting was held in "Friendship Lodge," outside of which members of the Faculty were beginning to congregate at the time to participate in the "official welcomes" which were to follow.

For some time the youthful souls continued to pour forth their ecstatic exuberance into those pieces of metal or wood which, somehow or other, failed to convert their enravishment into any kind of endurable sounds.

In fact, such was the quality of the charivari exuding from the depths of the Friendship Lodge that wry grimaces began to come from the more important members of the Faculty who had now arrived and were wondering, in perhaps more respectful language: "What the h—."

The thoughts of their audience, however, seemed incapable of being transmitted to the minds of the young virtuosos, who, never daunted, continued their soul-haunting cacophony with remarkable self-assurance.

This sort of thing could not go on forever. After a particularly distorted (Continued on Page 6)

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Trump
Shirts

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TECHNOLOGY BRANCH

HARVARD COOPERATIVE SOCIETY

COOPER, '37, DARK HORSE MAKES AN UPSET SATURDAY

Boston College, Northeastern Stars, Defeated During Meet with Italians

ITALY WELL REPRESENTED

Eugene Cooper, '37, practically unknown in intercollegiate track competition, provided the biggest upset of the Italian-American meet at Harvard last Friday. Shunned by track officials and not even mentioned as a potential threat, Gene upset the favorites on the know-it-alls by defeating McKee of Boston College and Elmer of Northeastern, considered the two best American entries in any event. Cooper, who was last year's freshman track captain, and who this year is fighting for a position on the varsity cross country team, was content to allow Poma and Ricci to set the pace, following them a few yards behind all the way to the last lap. Coming down the home stretch, Cooper put on pressure and passed the bewildered Italians with a last sprint, being clocked in at 2 minutes 4 1-5 seconds. Although Cooper is practically unknown in intercollegiate circles, he is certainly a flash in the pan. He has shown his title by winning places on the freshman cross country and track teams, and also by establishing a new institute record of 2:01 in the half mile.

The only other Tech man to place at the meet was Mort Jenkins, who was forced to trail the more experienced Luigi Beccali of Italy, in the 100 meter event. In this race, Beccali was to attempt a new world record in order to regain his title from a Princeton who just this summer lowered the time to 3 minutes 48.8 seconds. In running this race Beccali had no trouble in leading the field and at frequent intervals turned around to size up his lead. At such time while running too close to the boards, he tripped and he was almost head over heels. The little Italian immediately landed up and continued on his way, being a bare three or four seconds in the fall. Another mishap to mar his attempt to regain his title occurred when, coming down the end of the track to the last lap, one of the spectators ran out into the track to take his picture. Beccali literally had to push his admirer off the track to continue the last lap. In the meantime Jenkins was fighting to close up the lead that separated him from the Olympic champion, but the best he could do was to trail him about fifty yards in the rear.

Among the other Tech men who went to the Stadium, Jim Thompson, the high jump cleared the bar at 6 feet but failed to place. The event was won by Spitz, clearing 6.3. In the javelin, Tommy Brown placed fourth.

Undergraduate Notices

There are still a few official Technology blotters left at the T. C. A. Office. Anyone who has not yet received one may do so by calling at the above office.

Wins 800 Meter Run



Eugene Cooper, '37,

VARSITY BOOTERS READY FOR YALE

Eight Veterans Back on Team; Freshmen Meet Watertown in Their Opener

With a nucleus of eight of last year's varsity men about which to form, prospects for a good year in soccer are very bright. The total squad numbers about twenty-five and has been practising since the start of classes this term. Forsberg will captain the team this year.

The opening game comes on Saturday at Yale and should prove very interesting. Last year the team lost to Yale by one goal. With eight veterans in the lineup, the Beavers should come through this year.

The freshmen open their season on Saturday also, playing Watertown Senior High School at Watertown. Not many freshmen have as yet reported for the team but it is not yet too late. Any freshmen interested in the sport

Soccer Schedules Are Announced by Manager

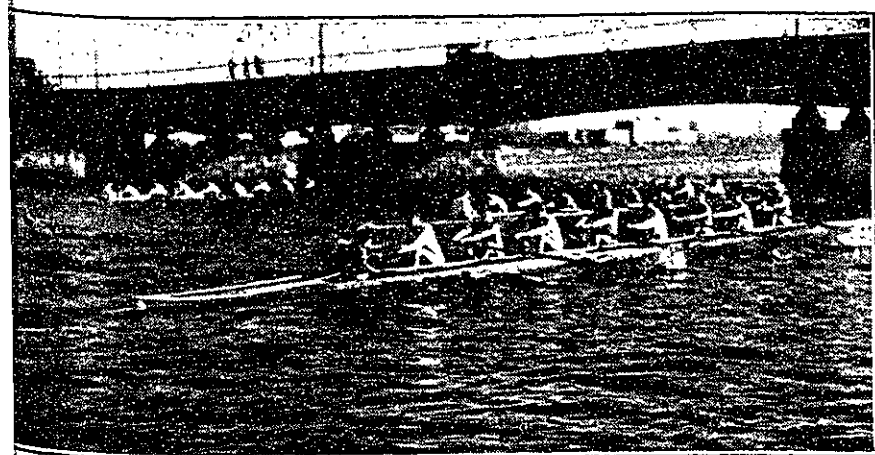
Manager Hardman announces the following varsity soccer schedule.

- Oct. 13 Yale at Yale.
- 20 Tufts here.
- 27 Dartmouth here.
- 31 Army at W. P.
- Nov. 3 Brown at Brown.
- 17 Harvard at Harvard.
- 24 Clark at Worcester.

The following is the freshman schedule:

- Oct. 13 Watertown at Watertown.
- 17 Andover at Andover.
- 27 Harvard freshmen at Harvard.
- Nov. 3 Dean Academy here.

Freshman Crews in Early Morning Practice



The first year crews are going through a strenuous round of training under Coach Al Dunning every morning at seven o'clock in preparation for Field Day race against the Sophomores.

SPORTS COMMENT

With Field Day only two and a half weeks away, it appears that the Sophomores will have to show more class spirit than has been evident to date if they expect to see freshmen displaying the traditional cardinal and gray neckwear after October 26th. From our viewpoint we believe that the frosh have put it all over their rivals up to the present time. Dormitory freshmen in particular have banded together very strongly. However, we can't salute the yearlings in too many sweet words, for they too, are charged with lack of support of some of their Field Day teams. We have especial reference to the tug-of-war crew, which is sadly undermanned at the present moment. What do you say, frosh, are you going to let your commendable spirit go unrewarded by not supporting your teams to your fullest extent?

Meanwhile what does the Sophomore side of the ledger say? First and foremost is the rumor that the Sophs are anticipating having to use a four-oared shell in the pull down the Charles River on the morning of October 26th. The reason for this expectation is the fact that the usual turnout for a Sophomore crew workout these days consists of from six to eight oarsmen and a coxswain. Other teams are being supported fairly well, but not sufficiently well to warrant a winning score two weeks from Friday. Added to this is the deplorable lack of spirit among a large percentage of the second-year men. The slogan coined two years ago with reference to the then freshman class in connection with an entirely different matter might well be applied to the Class of 1937, namely: "Are you men or pansies?"

So much for the annual brawl; now to turn to a subject which is not strictly sports but nevertheless is very closely connected with them. We refer to the problem of manning the sports department of THE TECH. This year we are faced with the necessity of struggling along with only a skeleton staff. None of the freshmen who have come out for THE TECH this year have signed up with the sports department. To anyone interested in athletics we can think of no more enjoyable activity, outside of the sports themselves, than that of reporting the games and meets. A sports reporter in collegiate circles sees many important athletic events in the course of his reportorial duties meets outstanding coaches and athletes. If there are any of you who would be interested in work on the sports department of this newspaper we will gladly welcome you in THE TECH newsroom. Opportunity for advancement is plentiful, so let us hear from you.

FRESHMEN BETTER SAYS AL DUNNING

Predicts Victory for Freshmen Over Sophomore Boats on Field Day

For the first time in five years, a victory for the freshmen field day crew seems assured. Al Dunning is very enthusiastic about the prospects of the frosh, for they have six full crews out practicing every morning. They are showing some real spirit and unless the second year men get going, there will be no doubt about the winner on field day.

The material for these crews is excellent on both the heavy and lightweight squads, and the men are responding wonderfully to the intensive training and instructions being given them by both coaches. The heavy-weight crews are by no means having things all their own way, for the lightweights are giving them a real run for their money. In fact last year the

should report to the Coop Field at five o'clock this afternoon or tomorrow. Members of the freshmen team receive their numerals for playing on their class team.

Expects Frosh Victory



Coach Al Dunning who has been tutoring the freshman crews for the past four years, expressed the opinion to a TECH reporter yesterday morning that he was confident that his charges would win on Field Day.

Crew B: bow, Preston; 2, Hutchins; 3, Livingstone; 4, Ehmlis; 5, Foote; 6, Morrisson; 7, Branning; stroke, Dolben; cox, Ray.

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"When you come up you'll find Old Golds!"
says **MAE WEST**

MAE WEST in "BELLE OF THE NINETIES" . . . a Paramount Picture, directed by Leo McCarey

ESTES, MATHEMATICS INSTRUCTOR GOES TO UNIVERSITY OF N. C.

Was One of Most Versatile Men on the Staff of the Institute

One of the most versatile instructors who has ever been at the Institute, Mr. James G. Estes, mathematics instructor for the last two years, has left Technology to become an assistant professor at the State College of Agriculture and Engineering of the University of North Carolina.

Mr. Estes, who was born in Texas, graduated from high school while working in the summer on an ice wagon, and doing numerous odd jobs around home and school, in true "Frank Merriwell" style. He then attended Texas Christian University, where he was the first letter man in athletics to become valedictorian of his class.

Stars at Football

Mr. Estes won two letters in football, missing a third because of a foot infection. In his junior year he was widely selected as an All-Conference guard. He also starred at basketball, and played on an Intramural team that won the school championship four times in succession. When he graduated, Mr. Estes became an instructor at T. C. U., and was later a part-time instructor at the University of Illinois, while working for his master's degree, which he received in June, 1927.

With a friend of his, Mr. Estes then went to Chicago, "determined," as he said, "to make a go of it in the big city." The two got jobs with the Yellow Cab Company, and had many interesting experiences as taxicab drivers.

Mr. Estes then returned to T. C. U. as an assistant Professor. While at the University of Illinois he had practiced boxing. In 1927 he entered a tournament in Fort Wayne under an assumed name, in order to avoid publicity. By the time his identity was discovered, he was well on his way to the finals in the heavyweight division.

The final bout ended in a draw, and an extra round was also even. Mr. Estes' opponent is now one of the leading professional heavyweights in the southwest. Mr. Estes had many offers to turn professional, but turned them down.

While a councillor at a Colorado summer camp in 1930, he did a great deal of mountain climbing, including three peaks over 13,000 feet high, one of them over 14,000. He had previously climbed Pikes Peak, and so arduous was the ascent that four of the six in the party passed out.

Mr. Estes has been at Technology since 1930. He received his Ph.D. degree in 1933. While here his only athletic activity has been to play on a church basketball team.

CO-EDGEWISE

"And why did you come to Tech?" we said quite innocently to one of our freshman coeds who was dashing madly about in the general 9:04 rush. She stopped abruptly and faced us resentfully. "What? Et tu, Brute! Well, not to get a man at any rate," she flung back at us and was gone before we could satisfy ourselves.

"Well, I don't blame her," remarked another young lady who seemed to think that upperclassmen ought to be put in their places without further adieu. "That sounds just like a formula to me now. Every one of those holy males does condescend to ask us that in either a very sceptical or subtly insinuating tone, 'she declared with some heat. The next person who asked me that I'll—'"

"Wait a minute," we intervened, somewhat abashed and very subdued, "all we wanted was to tell them once and for all." Every one admitted that once in a while upperclassmen do get bright ideas. So gentlemen, here you are:

It seems that our architects, Barbara Eaton, of 205 Beacon St., Waltham, Mass., and Ann Person of El Paso, Texas., both came to the decision that Tech was the finest school of its kind in the country. We were under the impression that a very different superlative would be in order but we tactfully overlooked the fact.

"But aren't you a bit lonesome so far from home?" we asked charming

little Ann. "Oh," she replied quite natively, "I'm thinking of having Daddy and Mother come and live with me in Boston." Editorial "we" decidedly nonplussed!

"But aren't you a bit lonesome so far from home?" we asked charming little Ann. "Oh," she replied quite natively, "I'm thinking of having Daddy and Mother come and live with me in Boston." Editorial "we" decidedly nonplussed!

"But from El Paso, Texas!" we finally stuttered.

"I don't mind being so far from home," was the reply. "Besides it wouldn't make any difference to Daddy, because although we went to Texas from California, we came originally from Boston. I was seven years old when we left Boston, but I'm afraid I'm not a very loyal citizen because I don't like Boston very well." Later, however, we managed to get her to admit that perhaps it was because she was a little lonesome.

A light began to dawn on our befuddled brains, another only child sure enough! In fact there are quite a number of freshmen coeds that can be classed in that category.

"And now that you are here, do you think you like the Institute?"

"We most certainly do!" chorused the freshmen. Evidently it was unanimous.

"But why?" came the question. Had we sounded as enthusiastic as that in

those dear, dead days?

"Well for one thing, we have so much freedom compared to that of high school days. Why in one of our classes the boys actually bring their radios with them," said Barbara.

"That's all very well, but not sufficient reason for coming to the Institute."

"Well, suppose we came for the same reason that the boys do—to learn something" suggested Pearl Rubenstein, the practical lady of the group. We begged to express our doubts as to the validity of that reason as far as the boys were concerned.

In talking to Pearl, one wonders if she hasn't made a mistake and that she is really "Deb" Rubenstein. (Mrs. Dauber to you.) This is the bane of Pearl's existence. "No I didn't come here because Debbie did," asserted Pearl. "I'm not taking the same course. I'm going to be a physicist, if (doesn't that sound familiar?) I can make the grade."

"I'm so tired of being told I should be clever because I'm Debbie's sister. I heard that all through Latin School, and so now I hope I can be Pearl Rubenstein and not just somebody's sister." Pearl, by the way comes from 4 Denison St., Roxbury.

"And I didn't come here because Pearl did," averred Ann Schweg even more emphatically. "Although we live only a few streets from each

COLLEGE ECONOMICS

THERE ARE A LOT OF DIFFERENT KINDS OF ENTREPRENEURS— OH DEAR YES— THE INDIVIDUAL, THE COLLECTIVE, ETC., ETC.

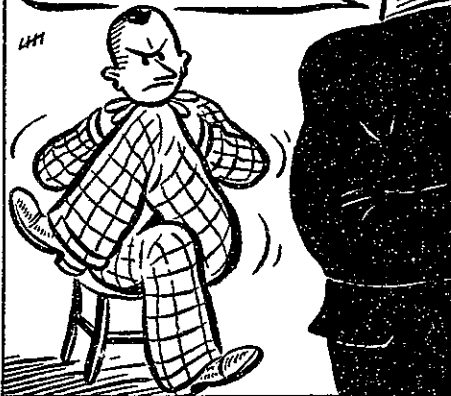


SOUND ECONOMICS

ALWAYS BUY THE BEST WHEN IT COSTS NO MORE— THAT'S WHY I SMOKE GOOD OLD PRINCE ALBERT



WHEN YOU CHANGE THE FACTORS OF PRODUCTION ALL SORTS OF FUNNY THINGS HAPPEN— FOR INSTANCE—



UNDER NORMAL CONDITIONS— IF SUCH THERE BE, OUR ANALYSIS MUST PROCEED ALONG THESE LINES— ETC., ETC.



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AFTER EVERY CLASS IT RINGS THE BELL!

PRINCE ALBERT is a blend of choice, top-quality tobaccos. And a special process is used which removes every trace of "bite." Try a tin of Prince Albert. Taste its mild, mellow fragrance! Consider its richness and body. You'll enjoy, as never before, the full companionship of your pipe!

PRINCE ALBERT

—THE NATIONAL JOY SMOKE!



Entering Contingent of Technology Coeds



Left to right: Anne Schwik, Pearl Rubenstein, Ann Person, Jeanette Pollack, Barbara Eaton, Jeanne Kitenplon.

FRESHMEN!

SPORTS WRITERS
ARE NEEDED
FOR



SOME OF THE FINEST AUTHORS IN AMERICA
ONCE WROTE SPORTS STORIES

You do not have to know anything about the sport. All we want from you is a sincere desire to write; we will show you how.

See the Sports Editor Now in Room 3, Walker Memorial

other, and we both have planned to come here all through Latin School, we made our decisions quite independently."

Chemistry seems to be the most popular field for coeds because Pearl is the only one of the freshmen, beside the architects, who is venturing into another course.

Jeanette Pollack, 1447 Blue Hill Ave., Dorchester, a graduate of Roxbury Memorial; Anne Schweg, 10 Homestead St., Roxbury, a graduate of Latin School; Ruth Raftery, 819 Broadway, South Boston, a graduate of Brighton High, and Jeanne Kitenplon, 426 Marlborough St., Boston, are registered in Courses V and X. Everyone of the girls except Jeanne came to the Institute because of her interest in Science and her desire to make it her life's work.

Quite the most novel and startling piece of information we gleaned was the fact that there was actually one coed at the Institute who is here out of no choice of her own. That young lady is Jeanne Kitenplon from Aurora, Illinois. Tech was of her father's choosing, but now that she is here, Jean thinks Tech the only place to attend.

For one year, Jeanne attended Stephen Junior College. When asked how she liked it, she said: "It was grand fun for awhile, but one got so tired of seeing the same faces twelve hours a day for seven days a week for six weeks that at the end of that time it took great control to keep from throwing things."

We had so little freedom. If we were very, very good we could stay

at a dance until twelve on Saturday nights, but in any case we were never allowed to go in our escort's car.

"Never?" we exclaimed.

"Oh," she said, laughing at our experience, "but we seldom went any other way. It was quite amusing. We were obliged to vouch for escorts to all particulars. His name, address, telephone number, his fraternity, his previous dates at the school, his age and practically everything—but his genealogy was duly recorded."

Quite exciting, gentlemen, BUT never is going to be married. TO BAD.

COOP PAYS MEMBERS \$56,000 IN DIVIDEND

\$56,000 dollars in dividends will be paid to members of the Technology branch, it was announced today at the offices of the Harvard Cooperative Society by Mr. G. E. Cole, the manager. The checks will be ready for distribution on October 13. The dividends are 7% on charge purchases and 9% on cash purchases. The Co-op will accept the checks in payment of this month's bills. Previous to the Fall of 1933 the dividends were 8% for charge accounts and 10% for cash purchases.

UNDERGRADUATE NOTICE

The Technology Dames will hold their first meeting of the year Monday, October 15th at 2:30 P. M. in the Emma Rogers Room. The mother, or sister of any registered student is invited to attend.

INSTITUTE BOASTS OF "LEAGUE OF NATIONS" ATTENDING CLASSES

Ten Men from Asia, Five from Europe and Many Others Compromise the Cosmopolites

Europe, Asia, South America, and Africa, as well as many other foreign countries are well represented in the "League of Nations" of which the present freshman class consists.

From the Eastern countries, Asia accounts for ten new men, five of which come from China, two from Iraq, and

one each from Japan, India, and Turkey, while Europe, more diversified, sent over five men, one from each of the following countries, Italy, Switzerland, Belgium, Germany, and Syria.

South America contributed only two men to the Institute freshman population, one from Argentine Republic, the other from Brazil.

Canada, on our North, is responsible for three men, one each from Quebec, Ontario, and New Brunswick, while one student in this year's freshman class comes from Newfoundland.

Other freshmen now at the Institute have come from Havana, Cuba, Porto Rico, British West Indies, and Mexico.

Here in the United States, many of the cities and towns from which some of the freshmen come have quite interesting and amusing names. One student hails from Romeo, Michigan, while another arrives from Iron Mountain, in the same state. The early Indian influence is manifested in the names of many of the towns, a few of which follow: Wawatossa, and Kewaunee, in Wisconsin; Keokuk, Iowa; Skowhegan, Maine, and Bozeman, Montana.

STATEMENT OF OWNERSHIP

Statement of the ownership, management, circulation, etc., required by the Act of Congress of August 24, 1912.

OF THE TECH, published semi-weekly at Cambridge, Massachusetts, for September 15th, 1934, State of Massachusetts, County of Middlesex.

Before me a Notary Public in and

CHEMICAL SOCIETY TO MAKE INSPECTION TOUR

Will See Making of Sulphides, Acids, and Salts

Inspection of the Merrimac Chemical Company, the only manufacturers of heavy chemicals in the immediate vicinity, will be made by the Chemical Society Wednesday afternoon.

Plants which will be seen will probably include those making hydrochloric and nitric acids, Glauber salt, sodium sulphide, acetic acid, and lacquers.

This is the first of a series of similar trips to be taken by the Society during the coming year at the rate of two a month. Wednesday's group will leave the Main Lobby at 1:15 o'clock.

for the State and County aforesaid, personally appeared John D. Loomis, who, having been duly sworn according to the law, deposes and says that he is the Business Manager of THE TECH and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 411, Postal Laws and Regulations printed on the reverse of this form to wit:

1. That the names and addresses of the General Manager, Editor, Managing Editor, and Business Manager are:

General Manager, John D. Hossfield; Editor, Paul Cohen; Managing Editor, Hamilton H. Dow; Business Manager, John D. Loomis, all of Cambridge, Massachusetts.

2. All equipment owned by the Tech Trust Fund, Cambridge, Massachusetts, and rented by the current volume. Officers: Mr. H. E. Lobdell, M. I. T., Cambridge; Mr. Stanley G. H. Fitch, Boston; Mr. J. R. Killian, Jr., M. I. T., Cambridge; Mr. A. W. K. Billings, Jr., Boston, Massachusetts.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) NONE.

4. That the two paragraphs next above giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs containing statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear on the books of the company as trustees hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other

securities than as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed through the mails or otherwise to paid subscribers during the six months preceding the date shown above is (This information is required from daily publications only).

JOHN D. LOOMIS,
Business Manager.

Sworn to and subscribed before me this 27th day of September, 1934.

WILLIAM JACKSON,
Notary Public.

(My commission expires Oct. 31, 1935).

Walton Lunch Co.

Morning, Noon and Night
You will find All Tech at
78 Massachusetts Avenue
CAMBRIDGE

QUICK SERVICE
APPETIZING FOOD
POPULAR PRICES

Quality First Always
THAT'S
WALTON'S

1080 Boylston Street
Convenient to Fraternity Men

Dance TO ANSON WEEKS and his Orchestra

For quite good reasons, people are dancing—this season—at The Statler. A famous orchestra... famous food... a famous place.

DINNER DANCING
in the Dining Room...
SUPPER DANCING
in the Salle Moderne.

The STATLER



WHEN YOU'RE TIRED...

GET A LIFT WITH A CAMEL!

DOUGLAS E. JONES '36 - ENGLISH.
Composition is hard work! "Doug" says: "When I feel played out, Camels give me a real snapback in energy."

**YOU'LL ENJOY this thrilling
response in your flow of energy!**

"Even the greatest writers are supposed to find writing a hard task, and if you ever have to do any writing you know just how hard a time the rest of us, who don't aspire to genius, have in expressing ourselves," says Douglas E. Jones, '36. "Majoring in English, I put as much energy into writing as a man would use up in heavy physical labor. When I feel played out I smoke a Camel. Camels

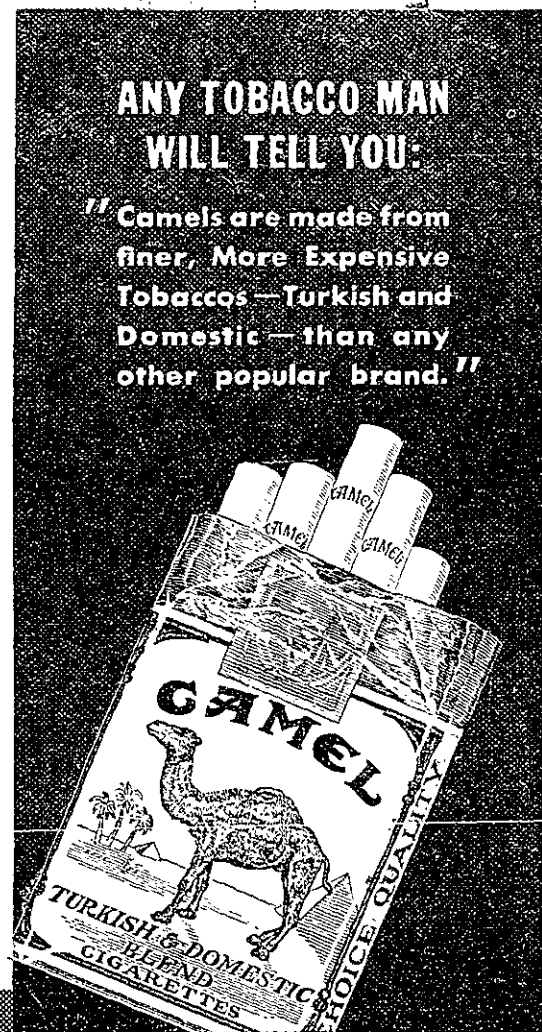
give me a real snapback in energy. They are so mild that I can smoke all I want without upsetting my nerves."

You, too, will like Camel's matchless blend of costlier tobaccos. Mild—but never flat or "sweetish"—never tiresome in taste. You'll feel like smoking more... and you need not hesitate about it! For with Camels, you will find that steady smoking does not jangle the nerves.



CAMEL CARAVAN with Glen Gray's Casa Loma Orchestra, Walter O'Keefe, Annette Hanshaw, and other Headliners—over WABC-Columbia Network.
Tuesday, 10 p.m. E.S.T.—9 p.m. C.S.T. Thursday, 9 p.m. E.S.T.—8 p.m. C.S.T. C.S.T.—8 p.m. M.S.T.—7 p.m. P.S.T. —9:30 p.m. M.S.T.—8:30 p.m. P.S.T.

BRIDGE EXPERT Shepard Barclay says: "Bridge calls for concentration. I smoke a Camel frequently, and feel refreshed and mentally alert again!"



**CAMEL'S COSTLIER TOBACCOS
NEVER GET ON YOUR NERVES!**

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Company

BELTING IN MACHINE TOOL LAB. COULD SURROUND INSTITUTE

140 Pieces of Machinery Housed Here Are Valued at More Than \$31,000

That maze of belts that you see overhead when you chance to pass through the Machine Tool Laboratory on the third floor of Building 3 would measure 4,000 feet if connected in one continuous piece, a recent inquiry by THE TECH revealed. This distance is sufficient to surround the Institute on three sides. It is also sufficient to encircle Walker Memorial about four times.

In this gigantic laboratory, which measures 294 feet by 58 feet, are more than 140 single pieces of machinery, estimated at a value of about \$300,000. Practically all of these machines are driven by means of a 50 horse power engine with a system of belts, which, as noted, measure about 4,000 feet.

The entire capacity of the engine is not utilized, however, since many of the machines are now motor-driven. Thus, only about 27 of the 50 horse power are consumed.

16 Different Types of Machines

At least 16 different types of machines are included in the 140 pieces located there. Among these are: engine lathes, speed lathes, planers, punch presses, drill presses, and machines for thread milling, grinding, milling, broaching, gear cutting, swagging, profiling, nibbling, high speed riveting, and boring.

The tool room, which is completely equipped with all kinds of tools from monkey wrenches to micrometers, is valued at approximately \$20,000. Here the attendant delivers the required instruments to students with the required checks.

In the course of the work in the laboratory, many kinds of precision instruments are used. One apparatus, making use of light rays can measure a deflection of ten millionths of an inch. The supermicrometer and various optical machines in use there are also capable of very accurate measurement.

80 Students Use Lab Daily

According to Mr. Arthur B. English, instructor in charge of the laboratory, an average of eighty students work there each day, presenting a scene of activity which is probably not exceeded except in the steam lab.

At one end of the long room is a small lecture hall, seating about 150 students, where the details and techniques of the various operations are explained to the engineers before they are allowed to use the machines.

What is perhaps the most unique feature of this laboratory is the great number of exhibition cases lining the main columns, which contain everything from samples of delicate instruments to samples of the various types of goggles.

Included in these cases are: ball bearings, sand papers, abrasives, files, tools, leather for belting, springs, aluminum pieces, piston rings, bearings, valve apparatus, polishing wheels, nuts, bolts, connecting pieces of sundry descriptions. A new case shows the operation of Telechron clocks.

TRYOUTS SOUGHT FOR TECH SHOW

Becker and Allenwood, of Last Year's Show, to Assist This Production

Predicting a "bigger and better" Tech Show for this year, General Manager Fred A. Prah, '35, issued a call for candidates, yesterday.

Handicapped by the absence of Professor William C. Greene, who coached the Show in other years, Manager Prah will be assisted by Robert M. Becker and Arthur E. Allenwood, who wrote last year's Show.

The Show, following tradition, will be a musical extravaganza featuring the most shapely and talented of Technology's impresarios. The plot has not yet been determined but three stories are now being written for Manager Prah's approval.

Tryouts for the cast will be held at some future date, to be announced later. All students who think they have "that certain extra something," are urged to attend.

WITH THE AMERICAN COLLEGE EDITORS

NOW COLLEGES ON THE CARPET

Due for publication in the near future is the Carnegie Foundation's study of the value of higher education, as accurate and comprehensive as its report on college athletics released a few years ago. Six years in preparation, this critical document has investigated the progress in cultural attainment of students from year to year as they have advanced from their final term in high school to a college degree. Annual examinations have tested them thoroughly in English literature, vocabulary and grammar, mathematics, general science, foreign literature, fine arts, general culture, history and social science.

From the conscientiously gathered data have come deductions more remarkable for their consistency and definiteness than for the generalizations they establish. The results reveal a mental shallowness caused by lack of reflection, temporarily compensated for by periodic pursuit of respectable grades. Thus the acquisition of knowledge, in its true sense, plays a minor role in an experience of routine memorizing and time-saving.

That scholastic attainment—the sort filed in a recorder's office—is not necessarily an indication of culture. It is in part the fault of the credit system and in part the fault of students who do not intergrade their studies as that system permits them to do. Small colleges, both highest and lowest in the report, seemingly are not immune, by virtue of their size alone, to these maladies.

The evil of the credit system seems to be in its failure to encourage individual study of self-chosen topics. For this a good antidote is an honors system, which Amherst has. If the plan were more generally followed, by juniors especially, the antidote might become an antitoxin. Addressing the incoming class at Harvard this fall, President Conant declared: "We hope that each one of you will find something that you may study with enthusiasm."

Extension of honors work is possible only if students are intellectually curious. The selection of such men is a difficult task, for admission requirements may be fulfilled in the same manner by which one may obtain an almost meaningless degree. It appears that the alternative is to interview applicants personally, which Amherst does in many cases. The Secretary of the Faculty, in charge of admissions, last year saw "from a half to two-thirds" of the freshmen who were matriculated; more passed under the eyes of other members of the administration and alumni.

The final decision, however, rested on the preparatory or high school record. Undoubtedly then, the Carnegie report's criticism of the existing method of choosing students applies in a similar way, if to a lesser extent, to Amherst. The survey substantiates the suggestion that the College consider for admission all freshmen who present the necessary number of units, picking from this group men who are found in interviews to possess the additional qualifications which are characteristic of students who pursue honors work.

To be sure, the survey on which these arguments are founded has shortcomings. It omits evaluations of abstract qualities, which are beyond the scope

of exact calculation. What is included, nevertheless, gives conclusions, which formerly were established on supposition, the authority of a factual basis. Herein lies the greatest merit of the investigation.

The Lounger

(Continued from Page 2)

rendition of "The Old Folks At Home," Pete Grant, who had been watching the perturbed faces of the Faculty for some time, finally overcame his better judgment and approached the shack.

Pete, however, is a kind soul, and sought to quell the disturbance with the least possible friction. Tactfully he began: "You've been playing for two hours now, don't you think you ought to take a little rest?"

But these freshmen were endowed with the perseverances of geniuses, for they instantly replied: "Aw, it's only an hour."

After much repartee, Pete finally obtained an agreement to quit for a while, only upon condition that he allow them to convene again later.

Ye Lounger, ever anxious to delve into the *causas belli*, sought out the director of the aggregation (a musical clubs representative by the way).

"The freshmen aren't so bad this year," we said, maintaining our composure with such an ability as we never credited ourselves with having, "but don't you think there was something lacking?"

And then the reply, uttered with all the romanticism of the true genius: "Yes, it's only because we didn't have enough bass."

Ve Hear by de Phone

Yup, he's gone and did it again. Won't he never l'arn tu keep that foot o' his'n outa the mud? Fer be it f'um us'n to tell names but, Tubby, oh, why didja do it? I l'arned the followin' f'um Sammy Feitelstein as he spoke to som'un o'er the talkin' contraption: "R-r-r-ring, r-r-r-ring."

"Helloi, Semmy tolkin'."

"Vhat!"

"Yea sure, soitinly it's Oncle Semmy, ken't you see me? I'm standing in front frum de telephon."

"Is dis a fect?"

"He vent und bawled hout from de cless Ennie Pollek, Enn Perrson, und Barbera Itton,—hm, such nice goils too."

"I'll gib him yat det Taubby. Fu' why he vent und did hit? Didn't he sturry sikarlogy? Don't he no det he shoood not hev bawled hout de goils in frunt frum de cless?"

"Hi'll tal 'im mine salf dot its nart goot ettics, dot-no-gooder."

Voo Doo
The release which follows was submitted by Voo Doo to us, and finding that no power on earth can make a

(Continued on Page 7)

PROFESSOR MORRIS TO TALK OVER THE "AIR"

(Continued from Page 1)

series has met with exceptional success.

Rev. Michael J. Ahern, S. J. President of Weston College, and a Fellow of the American Association for the Advancement of Science, is Chairman of the Broadcast Committee of the Society, and supervises all broadcasts.

*the Wellman Process
does this —*

*...it makes the tobacco
act right in a pipe — burn
slower and smoke cooler*

In the manufacture of Granger Rough Cut Pipe Tobacco the Wellman Process is used.

The Wellman Process is different from any other process or method and we believe it gives more enjoyment to pipe smokers.

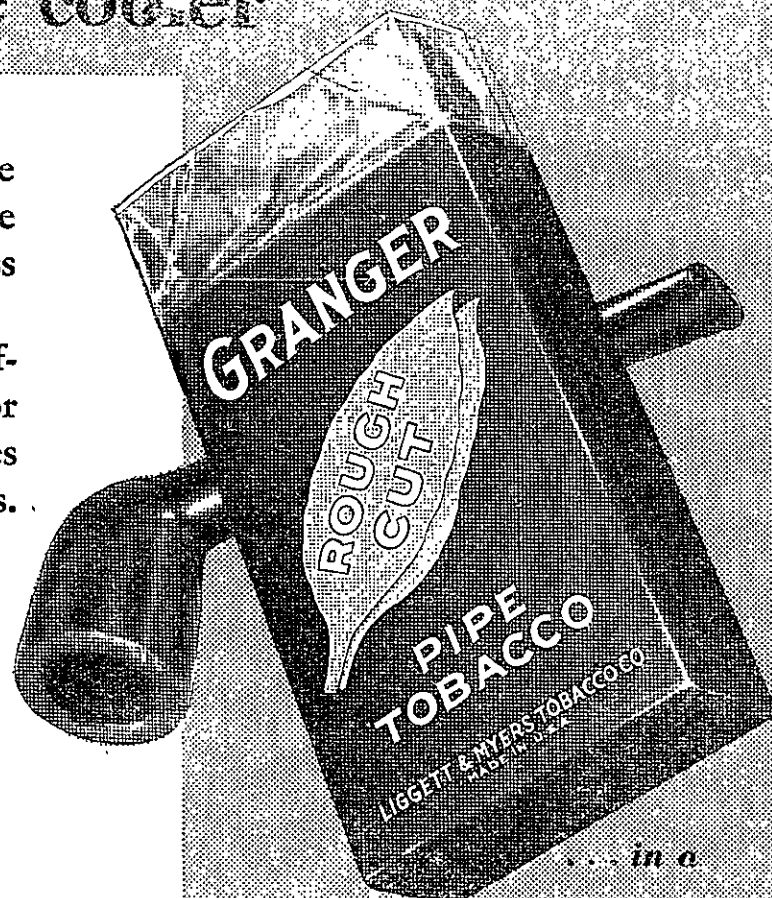
...it gives the tobacco an extra flavor and aroma

...it makes the tobacco act right in a pipe—burn slower and smoke cooler

...it makes the tobacco milder

...it leaves a clean dry ash—no soggy residue or beel in the pipe bowl

LIGGETT & MYERS TOBACCO CO.



*...in a
common-sense
package—10¢*

*We wish in some way we could get
every man who smokes a pipe
to just try Granger*

The Lounger

(Continued from Page 6)

news story out of it, we submit it to you with a few minor punctuations. The editors and staff of *Voo Doo* will present once more a volume of the M. I. T. "comic" magazine, the presentation this month being, as usual a FRESHMAN NUMBER.

An array of "snappy" jokes written by "skillful" staff members and drawings produced by "gifted" artists will greet the eye and lighten (?) the heart of many an engineer and architect.

This issue will be on sale in the Main Lobby of Building 10 next week. It will be *Voo Doo's* policy this year to present to its clientele, issues which will "appeal to the greatest number of its readers." PHOS would appreciate comments, etc., ad nauseam.

HERE IT IS

OUR NEW
Shawl Collar Tuxedo
"FOR RENTAL"



READ & WHITE

111 Summer Street, Boston
Woolworth Bldg., Prov., R. I.

Transfer Students Are Affected by Tie Rule

It has been the practice in the past for all transfers at the Institute to wear freshman ties.

A new rule which is now going into effect is that transfers who have been to another school for one year only and who are taking eighty percent or more of regular freshman subjects will be required to wear freshman ties. All other transfers will now be exempt from the tie rule.

This release ends with the pre-emptory command, "To be inserted in THE TECH." At any rate it is of great interest to observe the radical change in the "funny" magazine's policy. We hope it does not rest in saying that *Voo Doo* this year will "... present ... issues which will appeal to the greatest number of readers." In reality this is an easy task. All they have to do is to take both readers aside and straightforwardly ask them what they like.

"SEASON'S OUTLOOK IS GOOD," SAYS RAWSON

(Continued from Page 1)

Field Day. However, according to the general opinion around the Hangar Gym, the first year men who have not gone out for their class teams could gain some training and experience in preparation for the glove fight.

Judging from the results of last year's freshman team bouts, a number of sophomores are in line to fill in the varsity berths vacated by Jack Carey, Intercollegiate champ, ex-Captain Proctor Wetherill, runner-up in the championships, and Elliott Bradford. It is expected that Co-Captains Nick Lefthes and Ed Gaughan will handle the 145 and 155 pound assignments respectively.

Lefthes, the fast-stepping Junior, was the 155 pounder last year, while the hard-hitting Gaughan had to concede at least a fifteen pound advantage to all his opponents in the 165 pound class. Other members of last year's team include the bantam weights Norton and Goldsmith and Red Brooks.

MENORAH SOCIETY HAS ANNUAL FALL SMOKER

Professor W. T. Hall Was the Principal Speaker

With Professor W. T. Hall as the principal speaker, the M. I. T. Menorah Society conducted its annual Fall smoker in the 5:15 Club Room last night.

After the talk, a program of future events was discussed. The program includes informal talks on current events by well known speakers as well as socials to be held in conjunction with schools and colleges around Boston.

The first dance of the season will be held Saturday night in Walker Memorial.

ALL DORM FRESHMEN PRESENT AT MEETING

(Continued from Page 1)

course of his opening talk. They were presented in the order of the locations of the buildings, Donald C. Gutleben of Walker, William H. Matchett of Bemis, John G. Mooring of Goodale, Alexander R. Applegarth of Munroe, William H. Parker of Hayden, and Reid Ewing of Wood, all of the class of '35.

Walter H. Stockmayer, president of the class of '35, then spoke on the importance of participation in extra-curricular activities. He discussed the value of outside interests in the developing of personality and in the supplying of necessary, broadening diversion.

Freshman Section Leaders

1. Ross B. Teal
2. John S. Cleworth
3. David D. Weir
4. Adam C. Gambel
5. Daniel N. Phillips, II
6. Gordon L. Foote
7. Dudley A. Levick
8. Robert Flanagan
9. Stearns
10. Talbot
11. James Emery
12. Thomas F. Griffin, Jr.
13. Harry E. Draper
14. Frederic J. Kolb
15. Leland G. Cagwin
16. John I. Hoke, II
17. Walter H. Page
18. John J. Carchina
19. Paul B. Black
20. Louis L. Fireman
21. John J. Wallace
22. Robert E. Sessler
23. N. Leroy Hammond
24. Robert A. James
25. Norman E. Weeks
26. Chester A. Williams
27. David L. Sargent
28. Newton H. Peyton
29. Ian M. Mackenzie, 302
30. Munroe
31. Samuel Sterns
32. Roberts

Mr. Robert Kimball, assistant to the registrar, the second speaker, explained the complicated rating system of Technology and stressed the advantages of obtaining good grades. He pointed out that marks at the Institute are considerably lower than those the freshmen may have obtained at other schools; therefore, he urged that each student produce his best work at all times.

In concluding the meeting, Robert Scribner announced a freshman tea, the first of its kind, to be given on Sunday, October 21, in the Burton Room. The purpose of the tea is to acquaint the freshmen with some members of the faculty and their wives.

Dudley M. Dunlop, 101 Revere Street

17. John R. Cook
18. Paul J. Shirley
19. Frederic A. Jenks
20. Arnold F. Kaulakis

Intercollegiates

Nationally known sports writers and artists will be featured in the University of Alabama football program this year.—Crimson-White.

Over 450 students at the University of Alabama are being aided financially by the F. E. R. A.—Crimson-White.

11% of the freshmen class at Amherst are sons of alumni.

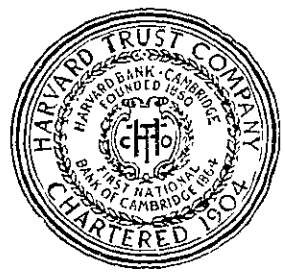
—Amherst Student.

An investigation conducted at Harvard reveals that the average student carries 22 cents on his person.

—Armour Tech News.

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... and while we're
talking about cigarettes

I don't suppose you were ever
in a warehouse where they were
storing hogsheads of tobacco. Any-
way here's something interesting:

Liggett & Myers, the people who
make Chesterfields, have about
4½ miles of storage warehouses
where they age the tobacco.

Down South where they
grow tobacco folks say ...

It's no wonder so many
people smoke Chesterfields.
The tobaccos are mild and
ripe to start with, and then
they're aged the right way
to make a milder, better-
tasting cigarette.



a good cigarette
gives you a lot of pleasure—

Chesterfield

the cigarette that's MILD
the cigarette that TASTES BETTER



On the air—

MONDAY WEDNESDAY SATURDAY
ROSA NINO CRETE
PONSELLE MARTINI STUECKGOLD
KOSTELANETZ ORCHESTRA AND CHORUS
9 P. M. (E. S. T.)—COLUMBIA NETWORK

VARRIED BUSINESS AND WRITING TRAINING IS OFFERED BY THE TECH

Men gain Familiarity with Business Practices and Printing Shop Management

For 53 years THE TECH has been serving the undergraduates of Technology, yet very few of the undergraduate body not connected with the paper realize what must be done in order to place an issue on the stands twice a week. More than 100 man hours are required to produce each issue.

In a newspaper the newsgathering appears on the surface to be the essential part of the work, but it is in reality only one of many problems. The various business departments make it financially possible for the newsmen to do their part, and the editorial and features divisions help make the paper more than a mere news bulletin.

Newsgathering, however, probably requires greater alertness than any other student activity. Some news is foreseen and may be carefully prepared for in advance, but a large part of it "just happens." Nevertheless, unpredicted, it is covered as completely

as if it had been long expected. Each reporter and news writer is given a permanent assignment and also a list of assignments for each issue just as is done on any large daily. These assignments take care of the work of the activities and most of the happenings around the Institute.

The unforeseen events are the true tests of a reporter's ability. A chance remark often leads to an important story. Much news is gained through members of the Faculty and from the administration offices. All material collected by the news and sports men is written up on the day preceding the publication of the issue. Often there seems to be nothing with which to fill the paper a few hours before going to press, but as each of the assignments is covered the required copy comes in.

The work put in by the newsmen carries its own reward with it. Technology men have been accused of being unable to state an idea either verbally or on paper. Newspaper writing gives one ample opportunity to say what he has to say clearly and concisely and one is repeatedly interviewing fellow students, faculty members and men outside the Institute in covering a story.

Closely allied with the news staff in producing THE TECH are the editorial and feature divisions. Unlike the newsmen, the writers in these departments can put their own ideas into their work. The editorial writing is done by upper classmen who have served in some division previously, and have been at the Institute long enough to become acquainted with undergraduate problems.

There is much going on at the Institute often as routine work, that is of interest to the student body, but which is no news. This matter together with some of the more important events at other colleges is written up by men of the features group. The photographic work is handled exactly as a news story is, and offers opportunity for the indi-

viduality of the photographer to show itself.

All the written material or "copy" coming from the various departments is next given to the night editor, who has charge of the printing, proof-reading, and the making up of his issue. He edits all the news copy, that of the other departments having been previously approved, and keeps a record of the stories and heads turned in.

About six o'clock the first of the copy is sent to the printers where it is set up on linotype machines. THE TECH is printed at a commercial establishment so that the undergraduates get an excellent insight into the printing business. The novelty of the surroundings and the number of intricate machines and presses give an added interest to the work.

The night editor is usually assisted by two men, a member of the junior board and a news candidate. These men read the proofs of the galleys as fast as they come from the machines, rewrite stories or write heads and stories that are late in coming. Odd errors are sometimes made through a misplaced letter and have formed the basis of innumerable jokes.

The proof-readers guard against such errors, misspelling and mistakes of the machine operator.

Meanwhile, in addition to overseeing the work of the staff members, the night editor is planning his pages and the placing of the stories. After selecting the important stories he must decide whether to cut them, run them entirely on one page, or continue them in order that there be no gaps.

THE TECH is made up from a dummy composed in the newsroom before the type is set. After all the copy is set, the night editor goes to the printer and assists the compositor in placing the "lead on the stone" to conform as far as possible with the dummy. He is limited by five standard make-ups into which he fits the copy as dictated by

CALENDAR

Tuesday, October 9

- 5:00—Tau Beta Pi Meeting, East Lounge, Walker Memorial.
- 5:00—5:15 Club Room Committee Meeting, 5:15 Club Room, Walker Memorial.
- 6:00—Society of Automotive Engineers' Dinner, North Hall, Walker Memorial.

Wednesday, October 10

- 1:15—Chemical Society Trip to Merrimac Chemical Plant. Leave from Main Lobby.
- 5:00—Sophomore Rally, Room 5-330.
- 5:00—Dramashop Tryouts, Room 2-178.

Thursday, October 11

- 4:30—Physical Colloquium, "Research in Theoretical Physics," by Prof. P. M. Morse, "Current Experimental Research in Radioactivity," by R. D. Evans, Eastman Lecture Hall.
- 5:00—Institute Committee Meeting, Committee Room, Walker Memorial.
- 9:00—Commuters' 5:15 Club Dance, Walker Memorial.

Saturday, October 13

- 8:00—Menorah Society Inter-Collegiate Dance, Walker Memorial.

Monday, October 15

- 6:15—T. C. A. Dinner, North Hall, Walker Memorial.
- 6:15—Dorm Dinner Club, Grill Room.

the requirements of the copy. He tries to give the pages an interesting appearance, one that will attract attention but yet does not resort to sensationalism.

After the type is entirely in the forms, and locked, a proof of the page is taken and examined for errors. If the appearance is unsatisfactory the night editor may alter the entire make-up. When the final proof has been taken and approved, the paper officially goes to press. An old tradition of the printing trade demands that the printer's devil go to the nearest saloon and get beer for the entire working force whenever an issue goes to press. The men on THE TECH have modified this to partaking of a midnight lunch at the nearest lunch wagon. Still despite modern influences on the trade it still has a degree of agreeable informality about it.

Although the work of the business department does not receive quite as much attention from the reader the entire paper depends on it. THE TECH is supported by advertising, the greater part of which is sold by undergraduates.

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